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| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 10/644,084 | | |
| | | Filing Date | August 20, 2003 | | |
| | | First Named Inventor | Yoshimi Takai | | |
| | | Art Unit | 1646 | | |
| | | Examiner Name | To Be Assigned | | |
| Sheet | 1 | of | 7 | Attorney Docket Number | 2144.0100000/RWE/ALS |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
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| ~ | AR2 | Aoki, J., et al., "Mouse Homolog of Poliovirus Receptor-Related Gene 2 Product, mPRR2, Mediates Homophilic Cell Aggregation," <i>Exp. Cell. Res.</i> 235:374-384, Academic Press (1997) | | | |
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| | AR3 | Bohl, F., et al., "She2p, a novel RNA-binding protein tethers ASH1 mRNA to the Myo4p myosin via She3p," <i>EMBO J.</i> 19:5514-5524, European Molecular Biology Organization (2000) | | | |
| | AS3 | Cocchi, F., et al., "The V domain of herpesvirus Ig-like receptor (HlgR) contains a major functional region in herpes simplex virus-1 entry into cells and interacts physically with the viral glycoprotein D," <i>Proc. Natl. Acad. Sci. USA</i> 95:15700-15705, The National Academy of Sciences (1998) | | | |
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| | AT4 | Farquhar, M.G. and Palade, G.E., "Junctional Complexes in Various Epithelia," <i>J. Cell. Biol.</i> 17:375-412, The Rockefeller University Press (1963) | | | |
| ↓ | AR5 | Fukuhara, A., et al., "Involvement of nectin in the localization of junctional adhesion molecule at tight junctions," <i>Oncogene</i> 21:7642-7655, Nature Publishing Group (October 2002) | | | |

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| N w | ASS | Fukuhara, A., et al., "Role of nectin in organization of tight junctions in epithelial cells," <i>Genes Cells</i> 7:1059-1072, Blackwell Science Limited (October 2002) | | | |
| | ATS | Furuse, M., et al., "A Single Gene Product, Claudin-1 or -2, Reconstitutes Tight Junction Strands and Recruits Occludin in Fibroblasts," <i>J. Cell. Biol.</i> 143:391-401, The Rockefeller University Press (1998) | | | |
| | AR6 | Furuse, M., et al., "Claudin-1 and -2: Novel Integral Membrane Proteins Localizing at Tight Junctions with No Sequence Similarity to Occludin," <i>J. Cell Biol.</i> 141:1539-1550, The Rockefeller University Press (1998) | | | |
| | AS6 | Furuse, M., et al., "Direct Association of Occludin with ZO-1 and Its Possible Involvement in the Localization of Occludin at Tight Junctions," <i>J. Cell. Biol.</i> 127:1617-1626, The Rockefeller University Press (1994) | | | |
| | AT6 | Geraghty, R.J., et al., "Entry of Alphaherpesviruses Mediated by Poliovirus Receptor-Related Protein 1 and Poliovirus Receptor," <i>Science</i> 280:1618-1620, American Association for the Advancement of Science (1998) | | | |
| | AR7 | Gumbiner, B.M., "Cell Adhesion: The Molecular Basis of Tissue Architecture and Morphogenesis," <i>Cell</i> 84:345-357, Cell Press (1996) | | | |
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| | AR8 | Imamura, Y., et al., "Functional Domains of α -Catenin Required for the Strong State of Cadherin-based Cell Adhesion," <i>J. Cell Biol.</i> 144:1311-1322, The Rockefeller University Press (1999) | | | |
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| N | AT8 | Itoh, M., et al., "Involvement of ZO-1 in Cadherin-based Cell Adhesion through Its Direct Binding to α Catenin and Actin Filaments," <i>J. Cell Biol.</i> 138:181-192, The Rockefeller University Press (1997) | | | |
| N/B | AR9 | Itoh, M., et al., "Characterization of ZO-2 as a MAGUK Family Member Associated with Tight as well as Adherens Junctions with a Binding Affinity to Occludin and α Catenin," <i>J. Biol. Chem.</i> 274:5981-5986, The American Society for Biochemistry and Molecular Biology, Inc. (1999) | | | |
| | AS9 | Itoh, M., et al., "Direct Binding of Three Tight Junction-associated MAGUKs, ZO-1, ZO-2, and ZO-3, with the COOH Termini of Claudins," <i>J. Cell. Biol.</i> 147:1351-1363, The Rockefeller University Press (1999) | | | |
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| | AR10 | Knudsen, K.A., et al., "Interaction of α -Actinin with the Cadherin/Catenin Cell-Cell Adhesion Complex via α -Catenin," <i>J. Cell Biol.</i> 130:67-77, The Rockefeller University Press (1995) | | | |
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| ✓ | AT11 | Mandai, K., et al., "Afadin: A Novel Actin Filament-binding Protein with one PDZ Domain Localized at Cadherin-based Cell-to-Cell Adherens Junction," <i>J. Cell Biol.</i> 139:517-528, The Rockefeller University Press (1997) | | | |

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| M | AR12 | Martin-Padura, I., et al., "Junctional Adhesion Molecule, a Novel Member of the Immunoglobulin Superfamily That Distributes at Intercellular Junctions and Modulates Monocyte Transmigration," <i>J. Cell Biol.</i> 142:117-127, The Rockefeller University Press (1998) | | |
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| PTW | AS15 | Provost, E. and Rimm, D.L., "Controversies at the cytoplasmic face of the cadherin-based adhesion complex," <i>Curr. Opin. Cell Biol.</i> 11:567-572, Elsevier Science Ltd. (1999) | | | |
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| ✓ | AS18 | Takeichi, M., "Cadherin Cell Adhesion Receptors as a Morphogenetic Regulator," <i>Science</i> 251:1451-1455, American Association for the Advancement of Science (1991) | | | |

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| plb | AT18 | Takeichi, M., "Morphogenetic roles of classic cadherins," <i>Curr. Opin. Cell Biol.</i> 7:619-627, Current Biology Ltd. (1995) | | |
| NJB | AR19 | Takeichi, M., et al., "Patterning of cell assemblies regulated by adhesion receptors of the cadherin superfamily," <i>Phil. Trans. R. Soc. Lond. B.</i> 355:885-890, The Royal Society (2000) | | |
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| Examiner Signature | <i>N - n / w</i> | Date Considered | 8/16/06 |
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| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/644,084 |
| | | | | Filing Date | August 20, 2003 |
| | | | | First Named Inventor | Yoshimi Takai |
| | | | | Art Unit | 1646 |
| | | | | Examiner Name | To Be Assigned |
| Sheet 7 of 7 | | | | Attorney Docket Number | 2144.0100000/RWE/ALS |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | | | T ² |
| AS/N | AR22 | Willott, E., et al., "The tight junction protein ZO-1 is homologous to the <i>Drosophila</i> discs-large tumor suppressor protein of septate junctions," <i>Proc. Natl. Acad. Sci. USA</i> 90:7834-7838, The National Academy of Sciences (1993) | | | |
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| <p style="text-align: right;">DEC 12 2003 JCP</p> <p>FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u></p> | | ATTY. DOCKET NO. 2144.0100000/RWE/ALS | | APPLICATION NO. 10/644,084 |
| | | APPLICANT Takai et al. | | |
| | | FILING DATE August 20, 2003 | | GROUP To Be Assigned |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
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| AA | | | | | | |
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| AL | | | | | | Yes No |
| AM | | | | | | Yes No |
| AN | | | | | | Yes No |
| AO | | | | | | Yes No |
| AP | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| AR | 1 | Asada, M., et al., "Cloning and characterization of a novel afadin-binding protein localized at adherens junctions," <i>Jpn. J. Cancer Res.</i> 93:107, abs. no. 1096, Japanese Cancer Association (October 2002) |
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